



UNITED STATES
PATENT AND
TRADEMARK OFFICE

DECEMBER 10, 2001

PTAS

SONNENSCHN NATH & ROSENTHAL
MARK KRIETZMAN, ESQ.
P.O. BOX 061080
WACKER DRIVE STATION, SEARS TOWER
CHICAGO, IL 60606

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101870608A

UNITED STATES PATENT AND TRADEMARK OFFICE
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REFERENCED BELOW.

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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/01/2001

REEL/FRAME: 012225/0673
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GRIER, DAVID

DOC DATE: 05/10/2001

ASSIGNOR:

LOPES, WARD

DOC DATE: 05/14/2001

ASSIGNOR:

DUFRESNE, ERIC

DOC DATE: 05/09/2001

ASSIGNEE:

ARRYX, INC.
316 N. MICHIGAN AVENUE
CHICAGO, ILLINOIS 60601

SERIAL NUMBER: 09855995

FILING DATE: 05/14/2001

PATENT NUMBER:

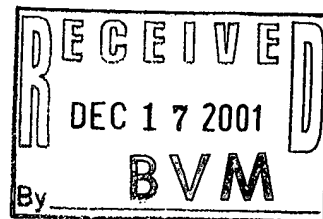
ISSUE DATE:

RECEIVED 12/17/01 DOCKET

DOCKETED Assignment

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BY: BVM



012225/0673 PAGE 2

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



10-11-2001



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Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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REC

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David Grier
Ward Lopes
Eric Dufresne

10-1-01

2. Name and address of receiving party(ies)

Name: Arrayx, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Street Address: 316 N. Michigan Avenue

City: Chicago State: IL Zip: 60601

Execution Date: 5/10/01; 5/14/01; 5/9/01

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/855,995

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark Krietzman, Esq.

Internal Address: _____

Sommenschein Nath & Rosenthal

Street Address: P.O. Box 061080

Wacker Drive Station, Sears Tower

City: Chicago State: IL Zip: 60606

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark Krietzman

Nam of Person Signing

Signatur

9.14.01
Date

Total number of pages including cover sheet, attachments, and documents: 10

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

10/02/2001 RHARIS1 00000045 09855995

01 FC:581

40.00

ASSIGNMENT

WHEREAS, David Grier, of Chicago, Illinois, Ward Lopes, of Chicago, Illinois, and Eric Dufresne, of Arlington, Virginia, Assignors, have invented a new and useful APPARATUS, SYSTEM AND METHOD FOR APPLYING OPTICAL GRADIENT FORCES, for which an application for United States Letters Patent was executed by them on or about the same date as this Assignment; and

WHEREAS, Assignors believe themselves to be the original, first and sole inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, ARRYX, INC., a Nevada corporation, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment. Assignors further represent and warrant that they do not know of any improvements to the invention other than what has been disclosed in the application.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignors further authorize and request insertion below of the serial number and filing date when officially known:

Serial No. 09/855,995

Filing Date: May 14, 2001

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors

Date: 5/10/2001



David Grier

Date: _____

Ward Lopes

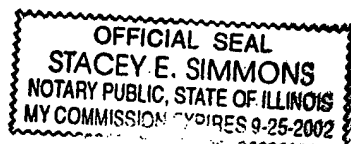
Date: _____

Eric Dufresne

State of ILLINOIS)
County of COOK) ss.

On MAY 10, 2001 before me, Stacey E. Simmons,
personally appeared David Grier personally known to me -OR- proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument and acknowledged to me that he executed the same in his authorized capacity, and
that by his signature on the instrument the person or the entity upon behalf of which the person
acted, executed the instrument

WITNESS my hand and official seal.



Stacey E. Simmons
Notary Public

State of _____)
County of _____) ss.

On _____ before me, _____,
personally appeared _____ personally known to me -OR- proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument and acknowledged to me that he executed the same in his authorized capacity, and
that by his signature on the instrument the person or the entity upon behalf of which the person
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WITNESS my hand and official seal.

Notary Public

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Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

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Filing Date: May 14, 2001

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors

Date: _____

David Grier

Date: 5/14/01

Ward Lopes
Ward Lopes

Date: _____

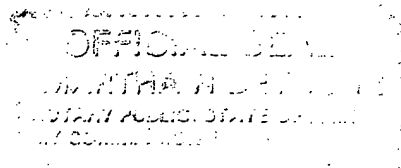
Eric Dufresne

State of ILLINOIS)
County of COOK) ss.

On 14th of May before me, Martha N. DeYoung,
personally appeared Ward Lopes personally known to me -OR- proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument and acknowledged to me that he executed the same in his authorized capacity, and
that by his signature on the instrument the person or the entity upon behalf of which the person
acted, executed the instrument

WITNESS my hand and official seal.

Martha N. DeYoung
Notary Public



State of _____)
County of _____) ss.

On _____ before me, _____,
personally appeared _____ personally known to me -OR- proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument and acknowledged to me that he executed the same in his authorized capacity, and
that by his signature on the instrument the person or the entity upon behalf of which the person
acted, executed the instrument

WITNESS my hand and official seal.

Notary Public

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WHEREAS, Assignors believe themselves to be the original, first and sole inventors of the invention disclosed and claimed in the application for Letters Patent; and

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Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment. Assignors further represent and warrant that they do not know of any improvements to the invention other than what has been disclosed in the application.

State of VA)

) ss.

County of Arlington

On May 9th, 2001 before me, Eric Dufresne,

personally appeared _____ personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument

WITNESS my hand and official seal.


Notary Public

Notary Public
HAMID JAFARI
Commission Exp. Jan. 31, 2003

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled:

**IMPROVED APPARATUS, SYSTEM AND METHOD FOR APPLYING OPTICAL
GRADIENT FORCES**

The specification of which was filed on November 4, 2003 as United States Application No.
_____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37 C.F.R. § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

That I hereby claim foreign priority benefits under Title 35, United States Code §§119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S) NUMBER

FILING DATE

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

I hereby claim the benefit, under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

U.S. APPLICATION	U.S. FILING DATE	Patented	Pending	Abandoned
09/855,995	May 14, 2001		x	
PCT/US02/15351	May 14, 2002		x	

POWER OF ATTORNEY

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, will full power of revocation and substitution to prosecute this application and to transact all business with the United States Patent and Trademark Office in connection therewith.

SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:

David R. Metzger, Esq.
SONNENSCHN NATH & ROSENTHAL LLP
P.O. Box 061080
Wacker Drive Station, Sears Tower
Chicago, Illinois 60606-1080
(312) 876-8000

Customer Number 26263

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor:	<u>David Grier</u>
Inventor's Signature:	_____
Date:	_____
Country of Citizenship:	<u>US</u>
Residence:	<u>Chicago, Illinois</u>
Post Office Address:	<u>1960 Lincoln Park West</u>
	<u>Chicago, Illinois 60614</u>

Inventor: Ward Lopez
Inventor's Signature: _____
Date: _____
Country of Citizenship: US
Residence: Chicago, Illinois
Post Office Address: 1519 E. 54th Street, Apt. 4
Chicago, Illinois 60615

Inventor: Eric Dufresne
Inventor's Signature: _____
Date: _____
Country of Citizenship: US
Residence: Arlington, Virginia
Post Office Address: 900 N. Stuart
Arlington, Virginia 22203